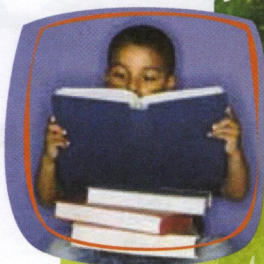


FORESTS FOR PEOPLE MORE THAN YOU CAN XIMAGINE!



LEVEL 1

Does A Tree Have HANDS AND FEET?

A tree has many parts just like you do.



Did you know a tree has skin?

It is called **bark**. Bark can feel smooth or rough and can be different colors. Bark is like our skin. It protects trees like our skin protects our bodies. Trees need protection from animals, fire, and bad weather. Bark even helps keep trees from getting sick.

How does your skin protect you?

Does a tree have hands?

No, it doesn't, but it does have **leaves** that come in all shapes and sizes just like our hands do. Some leaves even look like they have fingers!

Did you know that the needles on pine trees are really leaves? When the sun shines on leaves they capture energy from the sun to make food for the tree. Leaves also have tiny holes in them that the tree uses to make the air we breathe.



A trunk is the strongest part of a tree.

Do you think you have a trunk? A tree trunk is made of wood and holds up the branches and leaves. You use things every day that are made from wood that came from the trunk of a tree. Houses, pencils, paper, tables, and desks can all be made from wood.

Look around you, what do you see that is made from wood?



Trees grow from a seed like all plants do.

Some tree seeds are tiny and hard to see, some hide in cones, and some are big. A pine cone has many tree seeds in it! Sometimes when the wind blows, it can carry the seeds of a tree for miles before they fall to the ground. Then a new tree can grow.

Some birds and other animals like to eat the seeds from trees.

Is there anything that grows on a tree that you like to eat?



Does a tree have feet?

No, but it does have **roots** that help it stand up. Some tree roots are so tiny they look like hairs, and others are bigger than your arms and legs!

Trees get water to drink from the soil through their roots.

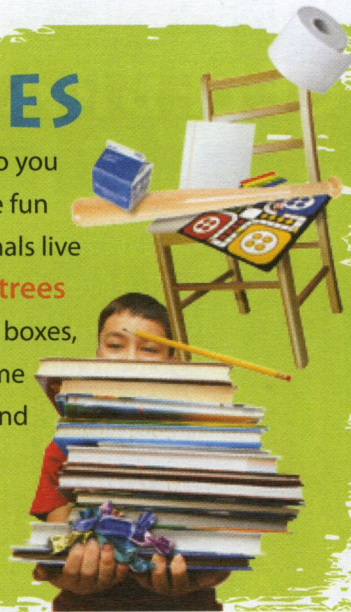
If you plant a tree, where do you pour the water? Why?



WHY WE NEED TREES

Do you know what the oldest living thing on earth is? **A tree!** Do you know what the biggest living thing on earth is? **A tree!** Trees are fun to look at. They have leaves that change colors and a lot of animals live in them. **Did you know that you use trees every day?** Books, toilet paper, cereal boxes, birthday cards, candy wrappers, tables, game boards, desks, seesaws, stairways, beds, baseball bats, puzzles and swings are just a few things made from trees.

How many times do you use a tree in one day? _____



These RIDDLES are about the PARTS OF A TREE.

Use the tree parts in the Word Box to answer the riddles. When you are done, use the words to label the parts of the tree.

WORD BOX

Seed
Trunk
Roots

Leaves
Bark

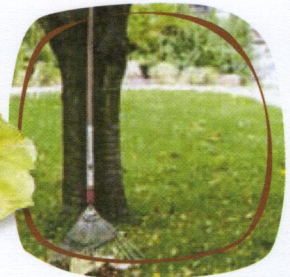
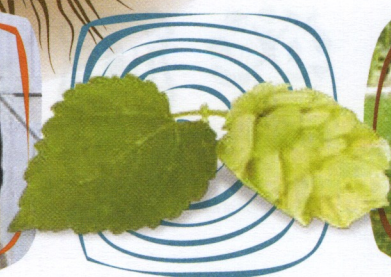
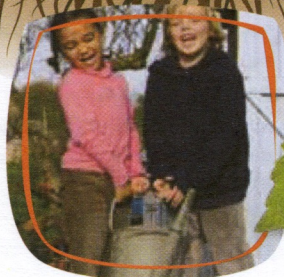
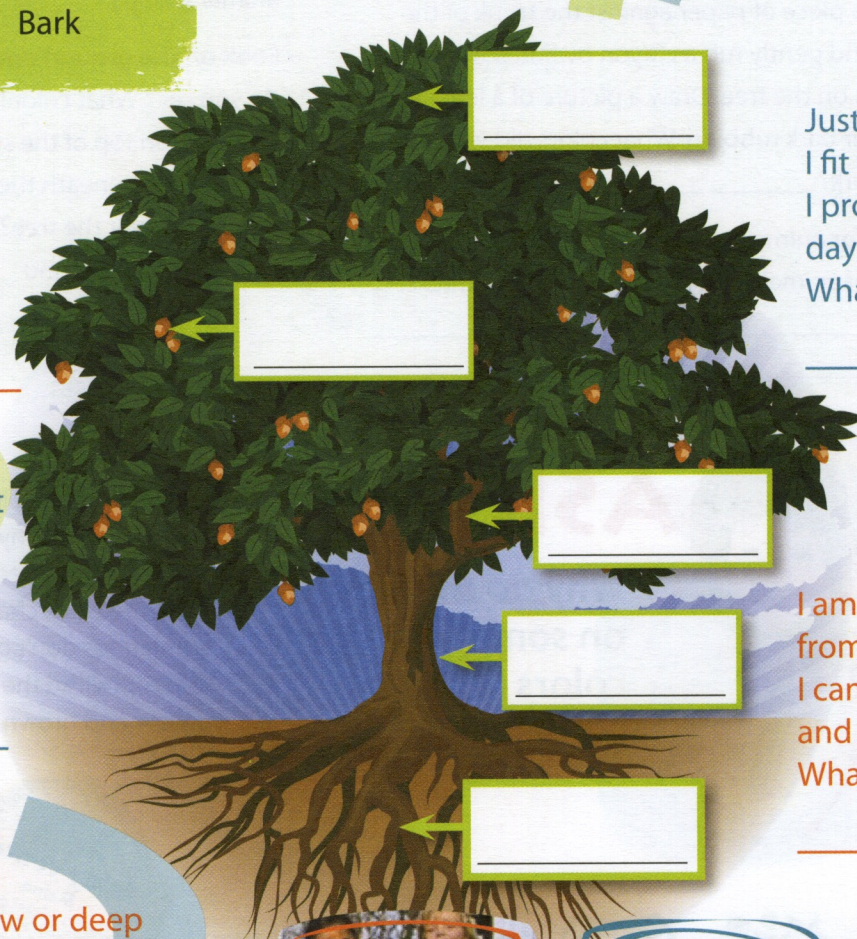
I can float on a breeze
light and free;
if I fall on the ground
I can grow a new tree.
What am I?

Just like skin
I fit tight;
I protect the tree
day and night.
What am I?

We can be green and flat
or shaped like a needle;
we use the sun's energy
to make food all day.
What are we?

I am made of wood
from top to bottom,
I can be short or tall
and big or small.
What am I?

We hold the tree
firmly in the soil;
we can be shallow or deep
and we help the tree drink.
What are we?



CELEBRATE TREES!

Forests are home to deer, birds, squirrels, butterflies and lots of other animals. The leaves on the trees in the forest help to give us clean air to breathe. Forests help to provide us with clean drinking water. Forests supply people and animals food to eat. The trees in the forest have many different kinds of leaves and they are beautiful!



Forests are fun to visit! Is there a forest near you? Ask an adult you know to walk with you in the forest.

- **Look at the shapes of the leaves on the trees.** How many shapes of leaves can you find? _____
- **Use paper and crayons to make bark rubbings.** Hold a piece of paper against the trunk of the tree and gently rub a crayon over it. Look at the leaves on the tree. Draw a picture of a leaf next to your bark rubbing. What colors did you see in the bark? _____
- **Look for animal tracks.** What did you find? What kind of animals do you think made the tracks? _____
- **Be still and listen.** How many different animal sounds do you hear? Where do you think the animals live? I heard _____ animal sounds.
- **Look on the ground underneath a tree.** What do you see? What color is the soil? Is there anything on top of the soil? Does it look like any animals live beneath the tree? Are any plants growing under the tree? I saw _____ animals in the soil and _____ plants.

ASK Maxine

Q: Why do the leaves on some trees turn colors in the fall?

Maxine worked for NACD for 47 years.
That's why we always ask Maxine.

A: Leaves are green in the spring because they are making chlorophyll. Leaves use the chlorophyll all summer. Trees need sunlight to make chlorophyll. When seasons change and days get shorter some trees don't get enough sunlight to make chlorophyll so the leaves turn red, orange, yellow and brown.



Franklin County SWCD



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